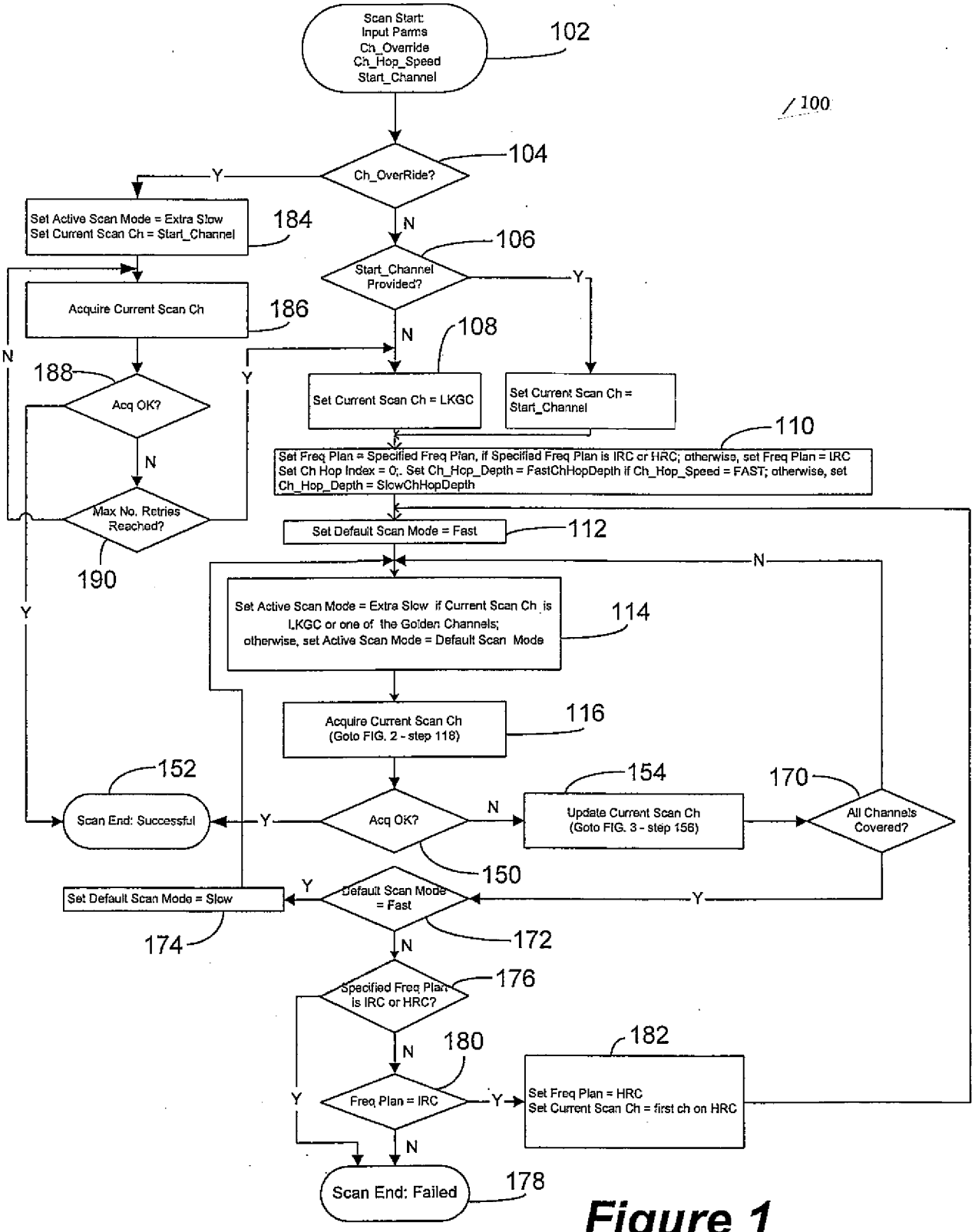
Scan Start:
Input Parms
Ch_Override
Ch_Hop_Speed
Start_Channel
102
100
Ch_OverRide?
104
Y
N
Set Active Scan Mode = Extra Slow
Set Current Scan Ch = Start_Channel
184
Start_Channel Provided?
106
Y
N
Acquire Current Scan Ch
186
Acq OK?
188
N
Y
Max No. Retries Reached?
190
N
Y
Set Current Scan Ch = LKGC
108
Set Current Scan Ch = Start_Channel
Set Freq Plan = Specified Freq Plan, if Specified Freq Plan is IRC or HRC; otherwise, set Freq Plan = IRC
Set Ch Hop Index = 0;. Set Ch_Hop_Depth = FastChHopDepth if Ch_Hop_Speed = FAST; otherwise, set Ch_Hop_Depth = SlowChHopDepth
110
Set Default Scan Mode = Fast
112
Set Active Scan Mode = Extra Slow if Current Scan Ch is LKGC or one of the Golden Channels; otherwise, set Active Scan Mode = Default Scan Mode
114
Acquire Current Scan Ch
(Goto FIG. 2 - step 118)
116
152
Scan End: Successful
Y
Acq OK?
N
150
154
Update Current Scan Ch
(Goto FIG. 3 - step 156)
170
All Channels Covered?
Y
N
Set Default Scan Mode = Slow
174
Y
Default Scan Mode = Fast
Y
N
172
Specified Freq Plan is IRC or HRC?
176
N
Y
180
Freq Plan = IRC
Y
N
182
Set Freq Plan = HRC
Set Current Scan Ch = first ch on HRC
Scan End: Failed
178

Figure 1